

CITY OF
HAYWARD
HEART OF THE BAY

Update on Water Supply and State Adopted Emergency Water Conservation Regulations

September 11, 2014

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Overview

Water Supply Update

- Current Water Supply Conditions

Hayward's Response

- Water Use Reduction Goals and Progress
- Emergency Water Conservation Regulation – planned actions

Consumer Outreach

- Public outreach and education
- Enforcement



Water Supply Conditions

- SFPUC total system storage at 60% capacity
- SFPUC continues to request 10% system-wide reductions from all wholesale and retail customers
- Could delay need for mandatory rationing next year if dry conditions persist
- Progress tracked monthly
 - ✓ Monthly targets based on historical use patterns
 - ✓ Accounts for seasonal variation



August 10, 2014 Reservoir Storage Levels

Reservoir	Current Storage ^{1,2,3} (AF)	Maximum Storage ^{3,4} (AF)	Available Capacity (AF)	Percent of Maximum Storage
<u>Tuolumne System</u>				
Hetch Hetchy	318,470	360,360	41,890	88.4%
Cherry	205,000	273,500	68,500	75.0%
Eleanor	21,780	27,113	5,333	80.3%
Water Bank	210,146	570,000	359,854	36.9%
Total Tuolumne Storage	755,396	1,230,973	475,577	61.4%
<u>Local System</u>				
Calaveras	16,386	96,670	80,284	17.0%
San Antonio	48,392	50,637	2,245	95.6%
Crystal Springs	54,630	58,309	3,678	93.7%
San Andreas	18,342	19,027	685	96.4%
Pilarcitos	2,389	3,069	680	77.8%
Total Local Storage	140,140	227,711	87,572	61.5%
Total System Storage	895,536	1,458,684	563,149	61.4%
Total without water bank	685,390	888,684	203,295	77.1%

¹ Upcountry storage is average of previous day's storage from USGS website

² Water bank storage reported by HHWP for 8/11/2014

³ Local data from Daily Water Report

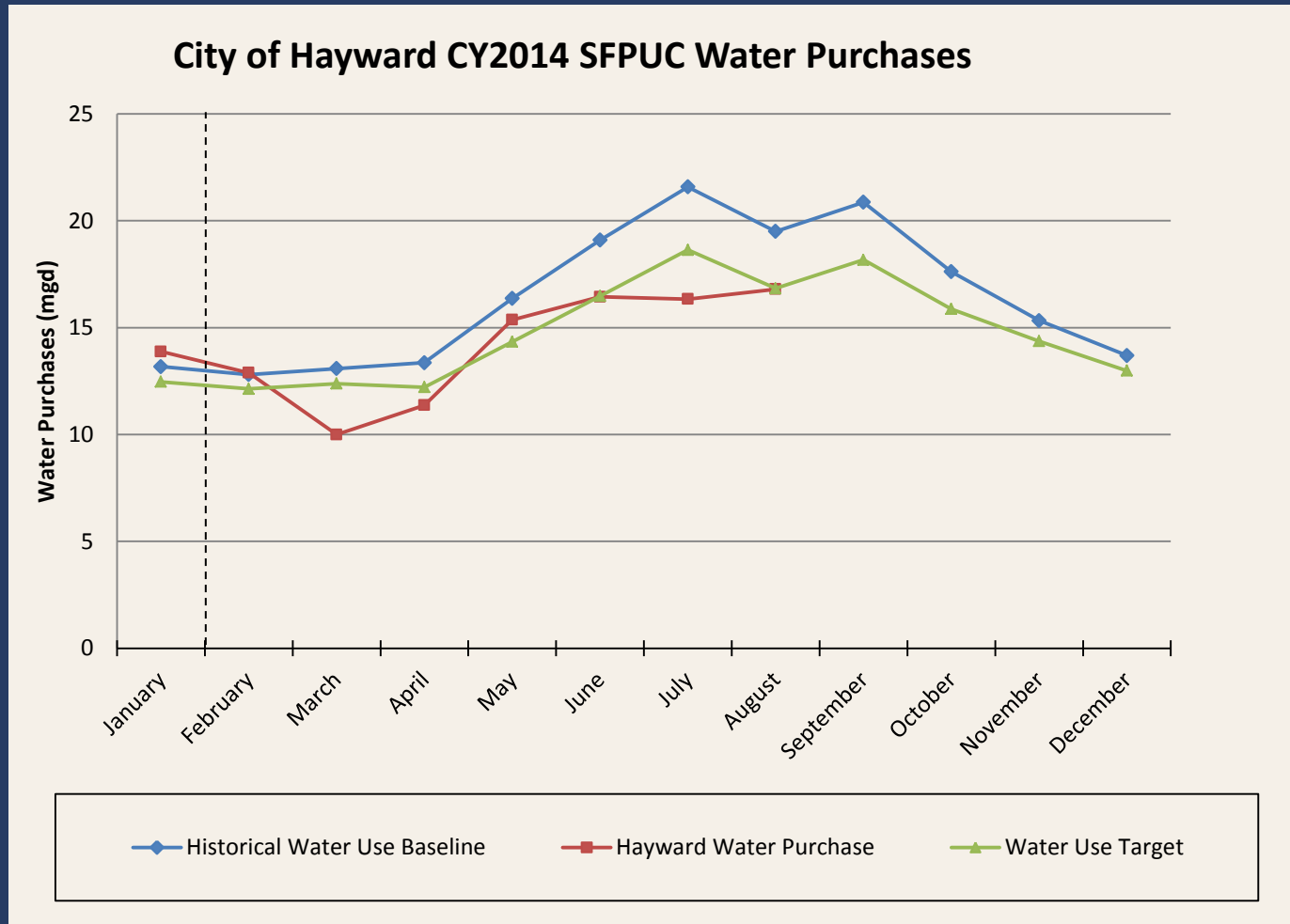
⁴ Upcountry maximum storage is with flashboards, taken from rating curve

Hayward's Progress

- Continues to exceed water use reduction target through August
- 88% of overall reduction goal achieved
 - ✓ Target savings through June = - 390 million gallons
 - ✓ Actual savings through June = 510 million gallons
- Hayward customers continue to be excellent stewards of water resources



Target vs Actual Water Purchases



Emergency Water Conservation Regulations

- Adopted by State Water Resources Control Board on July 15
- Mandates specific common-sense restrictions on outdoor use
 - ✓ Runoff from landscape irrigation
 - ✓ Use of hoses without shut-off nozzle
 - ✓ Using water to clean sidewalks, driveways and patio
 - ✓ Using water in non-recirculating fountains



Hayward's Strategy for Compliance

- Must implement all actions in the Water Shortage Contingency Plan (WSCP) stage that triggers mandatory irrigation restrictions
- Amended WSCP to be presented to Council on September 23
 - ✓ Proposed Stage I shortage prohibits irrigation that results in runoff
 - ✓ Disallows other wasteful activities specified in Emergency Regulation



Consumer Education

- Key Messages
 - ✓ Save water now to preserve supplies
 - ✓ Reduce outdoor use
 - ✓ Simple actions make a difference
- Variety of communications tools
 - ✓ Updated “Drought Watch” website
 - www.hayward-ca.gov/droughtwatch
 - ✓ Billboards
 - ✓ Social media
 - ✓ City-wide mailing



Enforcement

- Water Waste Reports and Follow Up
 - ✓ Dedicated telephone line and email to report water waste
 - ✓ Letters to customers
 - ✓ Door hangers and personal visits if waste continues
- Administrative citations authorized in Municipal Code for water waste violations



Update on Water Supply Outlook and Water Conservation

July 16, 2014

Questions/Discussion

